

INTEGRATED SECURITY AND COMMUNICATIONS SYSTEM
WITH SECURE COMMUNICATIONS LINK

Abstract of the Disclosure

[0126] An integrated security and communications
5 system combines a security system to either or both of
a telephone system interface and a data interface.
Users have access to voice-mail or other PBX-type
telephone functions, many or all of which can be
accessed not only at telephone sets, but also at
10 keypads of the security system. Data functions such as
electronic mail and possible partial or full World Wide
Web access may also be provided at the keypads, as well
as at connected personal computers or computer
terminals. The system keypads may be enhanced to
15 better accommodate some of the added functions. A
central communications station could be used to
maintain secure, shared private key encrypted
communications with each premises system, using a
redirector arrangement or relay to allow each premises
20 system to communicate securely with a central
monitoring station and with other systems. The secure
communications system could be used without a security
system to allow secure computer-to-computer
communications.